

Appendix A Technical Specifications

96435 ABESS Lift Station Fiber Build

JEA DOCUMENT REFERENCES

All construction work shall be completed in accordance with details and specifications contained in the documents listed below. These documents can be found on www.jea.com at Working with JEA / Engineering and Construction / Reference Materials / Reference Materials. JEA Contractors are required to fully understand and comply with these specifications.

- A. Fiber Optic Cable Standards – Latest Edition
- B. Underground Distribution Construction Standards – Latest Edition
- C. Overhead Distribution Construction Standards – Latest Edition

AS-BUILT/POST CONSTRUCTION/POST SPLICING DOCUMENTATION REQUIRED:

- 1) Contractor shall mark up supplemental project drawings, site plans, overhead installation and underground installation and submit on supplied drawings to JEA in an as built format.
- 2) Contractor shall provide electronic and hard copies of fiber optic testing documentation before and after installation.
- 3) Contractor shall perform bi-directional tests with a JEA approved OTDR/software package NetTest or EXFO from patch panel to patch panel.
- 4) Contractor shall perform bi-directional tests for Optical Return Loss with a JEA approved power meter and light source on terminated fibers from patch panel to patch panel.
- 5) Contractor shall provide electronic and hard copies of fiber optic testing documentation before and after splicing

Scope of Work for Fiber Installation and Splicing

1. All underground construction will include conduit(s) as designed, a locate wire (#12 minimum solid), fiber route markers, and fiber optic vaults, as indicated on the construction drawings.
2. The Contractor will perform post construction fiber integrity testing. The Contractor will inform JEA the fiber plant is ready for pre splicing inspection. JEA will inspect the completed fiber plant construction within ten working days after the Contractor informs JEA that it is ready for inspection. Upon acceptance by JEA of the fiber plant construction the Contractor will begin fiber splicing, post splicing testing and documentation.
3. The JEA Contractor shall identify and tag all exposed project related fiber cables within the project area with JEA provided tags.

Scope of Work

1. Furnish and install one (1), two-inch (2") underground conduit by any method along ABESS Blvd and into 12733 ABESS Blvd for approximately 4560ft. Please see the attached construction drawings
2. Drawing E1-5, sheet 9, station 110 ignore the note. Contractor will investigate that the existing conduit terminates inside the telecom room from the last handhole/manhole in the right of way. If the conduit is found to extend into the telecom room. The contractor will pull the 24ct fiber through the existing conduit. A change order will be issued for any additional work needed to complete the route inside the Ridenour Telecom room.
3. Pull approximately 8160ft of 24ct fiber from 12733 ABESS to Ridenour Telecom room. Please see attached construction drawings. Note the existing manholes, handholes and conduit may not be as shown on plans. We will need accurate as-builds.
4. At 12733 ABESS Blvd mount a 36"x36"x12" stainless steel Nema cabinet onto the existing Radio structure located outside next to the pole and generator.
5. Furnish and install patch panel and terminate 12 fibers in the outside Nema cabinet at ABESS MLS
6. Terminate 12 fibers and install contractor supplied patch panel in existing rack inside Ridenour telecom room
 - Note: No locate wire will be placed inside the electric duct bank. Locate wire only in new conduit and or outside electric duct bank

JEa shall provide the following:

1. 24 count single mode fiber
2. Fiber route markers, fiber optic vaults and hand holes.
3. Maps, plans, drawings, design specifications and permits.

Contractor shall provide:

1. All equipment, tools and manpower.
2. All consumables and other materials needed for the underground construction
3. All conduit, inner ducts and locate wire
4. All splicing and consumables

**Appendix B - Minimum Qualification Form
#96435 ABESS Lift Station Fiber Build**

GENERAL

THE MINIMUM QUALIFICATIONS SHALL BE SUBMITTED ON THIS FORM. IN ORDER TO BE CONSIDERED A QUALIFIED BIDDER BY JEA YOU MUST MEET THE MINIMUM QUALIFICATIONS LISTED BELOW, AND BE ABLE TO PROVIDE ALL THE SERVICES LISTED IN THIS SOLICITATION.

THE BIDDER MUST COMPLETE THE BIDDER INFORMATION SECTION BELOW AND PROVIDE ANY OTHER INFORMATION OR REFERENCE REQUESTED. THE BIDDER MUST ALSO PROVIDE ANY ATTACHMENTS REQUESTED WITH THIS MINIMUM QUALIFICATIONS FORM.

PLEASE SUBMIT THE ORIGINAL AND TWO (2) COPIES OF THIS FORM AND ANY REQUESTED ADDITIONAL DOCUMENTATION WITH THE BID SUBMISSION.

BIDDER INFORMATION

COMPANY NAME: _____

BUSINESS ADDRESS: _____

CITY, STATE, ZIP CODE: _____

TELEPHONE: _____

FAX: _____

E-MAIL: _____

PRINT NAME OF AUTHORIZED REPRESENTATIVE: _____

SIGNATURE OF AUTHORIZED REPRESENTATIVE: _____

NAME AND TITLE OF AUTHORIZED REPRESENTATIVE: _____

MINIMUM QUALIFICATIONS:

- Respondent shall provide a client reference to demonstrate the successful completion of one (1) similar contract similar to the scope and complexity as contained in the Solicitation within the last three (3) years of the Solicitation Due Date.
- Respondent shall provide reference using the space indicated below.

[illegible]

Appendix B - Minimum Qualification Form
#96435 ABESS Lift Station Fiber Build

**APPENDIX B RESPONSE FORM
96435 ABESS Lift Station Fiber Build**

Submit via email along with other required forms to: garljb@jea.com

Company Name: _____

Company's Address _____

Phone Number: _____ FAX No: _____ Email Address: _____

BID SECURITY REQUIREMENTS

- ☒ None required
☐ Certified Check or Bond (Five Percent (5%) of Total Bid Price)

TERM OF CONTRACT

- ☒ One Time Purchase
☐ Annual Requirements 1 yr. term

SAMPLE REQUIREMENTS

- ☒ None required
☐ Samples required prior to Bid Opening
☐ Samples may be required subsequent to Bid Opening

SECTION 255.05, FLORIDA STATUTES CONTRACT BOND

- ☒ None required
☐ Bond required 100% of Bid Award

QUANTITIES

- ☐ Quantities indicated are exacting
☒ Quantities indicated reflect the approximate quantities to be purchased Throughout the Contract period and are subject to fluctuation in accordance with actual requirements.

INSURANCE REQUIREMENTS

Insurance required

PAYMENT DISCOUNTS

- ☐ 1% 20, net 30
☐ 2% 10, net 30
☐ Other _____
☐ None Offered

ENTER YOUR RESPONSE FOR THE ITN	TOTAL BID PRICE
Total Bid Price for ITN 96435 ABESS Lift Station Fiber Build (Transfer total from Appendix B Response Workbook)	\$ _____

☐ I have read and understood the Sunshine Law/Public Records clauses contained within this solicitation. I understand that in the absence of a redacted copy my proposal will be disclosed to the public "as-is".

RESPONDENT'S CERTIFICATION

By submitting this Response, the Respondent certifies that it has read and reviewed all of the documents pertaining to this Solicitation, that the person signing below is an authorized representative of the Respondent's Company, that the Company is legally authorized to do business in the State of Florida, and that the Company maintains in active status an appropriate contractor's license for the work (if applicable). The Respondent also certifies that it complies with all sections (including but not limited to Conflict Of Interest and Ethics) of this Solicitation, and that the Respondent is an authorized distributor or manufacturer of the equipment that meets the Technical Specifications stated herein.

We have received addenda _____

Handwritten Signature of Authorized Officer of Company or Agent _____ Date _____

_____ through _____

Printed Name and Title



PROCUREMENT SERVICES PROCEDURE: OS A0500 PS 120B Contractor Travel

TITLE: Travel Approval and Expense Reimbursement (Contractor)

CREATION DATE: May 26, 1988

REVISED: April 1, 2010

POLICY: JEA's travel requirements for contractors parallel the same travel guidelines in OS A0500 PS 120A for JEA Employee Travel. JEA is authorized to provide reimbursements for certain expenses incurred by a non-JEA employee upon the traveler meeting all the requirements stated in this procedure. The proper approval process must be followed for a non-JEA employee to travel and receive reimbursements for expenses incurred.

OBJECTIVES: Provide assistance to the non-JEA traveler in making travel arrangements and filing a travel claim for reimbursement of travel expenses occurred.

ASSIGNMENT: Director, Procurement Services is responsible for maintenance and implementation of this procedures. All using employees are responsible for compliance herewith.

PROCEDURE:

I. TRAVEL REQUESTS - Contractors must request approval for travel on official JEA business prior to commencement of travel. A Travel Request/Reimbursement Form is located in **Quest, Enabling Processes, Travel** and must be completed and submitted to the traveler's approving authority before travel begins.

II. GENERAL TRAVEL GUIDELINES

- A. **Constructive Point of Origin** - The application of the constructive point of origin regulation will ensure that the traveler travels the shortest reasonable distance on business. Travel shall be deemed to have begun at the usual place of business or residence, or the place where travel actually began, whichever is less.
- B. **Constructive Travel Time** is the time the traveler actually departs for his/her destination, or at the latest time the traveler could reasonably have departed in order to arrive at his/her destination in time to accomplish the official business, whichever is later. The same applies to the return back to the point of origin.
 - 1. Common Carrier (excluding rental automobile) Travel Time begins two hours prior to the time the traveler's conveyance actually departs.
 - 2. Motor vehicle (including rental automobile) Travel Time begins at the time travelers actually begin driving to their destination.
 - 3. If a traveler conducts personal business during official travel, the personal business shall be considered to have been conducted at the beginning or at the end of the travel.

C. Transportation

1. The traveler requesting approval to travel shall choose the most economical means of transportation, considering the nature of the business, the traveler's time, cost of transportation, meals, lodging and incidental expenses required.
2. Reimbursement shall be made only for travel performed over usually regularly traveled routes to the destination. When travel is by indirect route for the traveler's own convenience, reimbursement for expenses shall be based only on such charges as would have been incurred over the usually traveled route.
3. If the total miles from the departure point to destination exceeds 400 miles round trip, the mileage reimbursement for use of a private motor vehicle shall be limited to the lesser of:
 - a. IRS-authorized mileage rates described in Section 106.706 of the Ordinance Code, City of Jacksonville; or
 - b. the lowest airline common carrier coach fare available to the nearest airport plus IRS-authorized mileage rate per mile from the airport to the destination.

IV. AUTHORIZED EXPENSES

A. Airplane

1. Travel by Common Carrier shall be reimbursed at the lowest coach fare rate available (except that the first class rate is authorized if coach fare is not available). The Common Carrier shall complete The Certification of Unavailability of Coach Accommodation (Appendix A)
2. Reservations for a Saturday night stay over are encouraged if it results in a net savings after considering all incremental travel related expenses.
3. Reimbursement for rented aircraft shall be based on the hourly rental rate for the aircraft, including fuel, if the cost of renting the aircraft can be demonstrated to be less than the lowest available common carrier coach fare.
4. A copy of the ticket and itinerary must be submitted along with the expense statements.

B. Automobiles

1. If travel is by private automobile, reimbursement shall be based on IRS authorized mileage rate in existence at the time of travel. All mileage shall be completed from the constructive point of origin to the point of destination. Vicinity mileage incurred while driving on official business may also be reimbursed. Current mileage rates are listed on **Quest, Enabling Processes, Travel**.
2. No other reimbursement for expenses related to the operation, maintenance and ownership of a vehicle shall be allowed when a private motor vehicle is used on public business.

C. Car Rental

1. Rental cars shall be approved only if taxis or other means of transportation are less economical or otherwise impractical. Avis Car Rental is JEA's current rental car agency. Complete rental car information on **Quest, Enabling Processes, Travel**.
2. Every effort shall be made to coordinate travel so that travelers share a rental car and thereby eliminate multiple cars at the same location.
3. Travelers shall use the Compact (Class B) vehicles unless the number of passengers or the volume of equipment makes the compact class impractical.

4. Personal accident insurance purchased by the traveler will not be reimbursed by JEA.
5. A copy of itemized rental car charges will be made and submitted with the expense statement.

D. Lodging

1. Reasonable reimbursement will be made for the cost of overnight lodging when a traveler is away from his/her place of residence. Travelers shall select lodging which is the most economically available, consistent with the duties being performed.
2. Travelers will be reimbursed for a single room rate; double occupancy rates may be obtained if two travelers share a room.
3. An extended stay facility may be obtained, however the expense must be reasonable and the daily cost shall not exceed \$100 per night.
4. Travelers must document all lodging expenses with itemized statement and paid receipt from lodging facility. A copy of the receipt must be submitted with the expense statement.

E. Meals

1. IRS per diem rates vary from City to City. The maximum rate allowed for JEA travel is \$50 per day. You may travel in cities whose IRS per diem rates are less than JEA's per diem rates. If that is the case, the lesser rate applies. There are no meal reimbursements over the maximum JEA rate of \$50 unless travel is international. International travel is calculated at twice the JEA per diem rate of \$50.
2. Per diem is reimburseable as follows:
 - a. Breakfast - when Travel Time begins before 6:00 a.m. and extends beyond 8:00 a.m.
 - b. Lunch - when Travel Time begins before 12:00 noon and extends beyond 2:00 p.m.
 - c. Dinner - when Travel Time begins before 6:00 p.m. and extends beyond 8:00 p.m.
 - d. International Travel – for travel outside of the United States, the per diem rate is doubled to \$100 per day.
3. The maximum JEA per diem rate of up to \$50 will be paid for an entire day when Travel Time for that day begins before 6:00 a.m. and extends beyond 8:00 p.m. Lesser IRS rates apply if applicable to your travel city.
4. Per diem rates may not be claimed for meals (except those provided by common carrier transportation) made available without specific charge at a seminar, conference or training session.
5. Current per diem for various cities is located on **Quest, Enabling Processess, Travel.**

F. Telephone Calls

1. Communication expenses, necessary to conduct official JEA business shall be allowed as a reimbursable expense.
2. Personal long distance phone charges shall be allowed as a reimbursable expense when travelers must call family members, or caretakers for dependents, to tell of travel delays. Any other routine or non-emergency personal calls shall be at the expense of the traveler and shall not be reimbursed.
3. A receipt documenting the telephone charges shall be submitted with the Travel Expense Statement.

G. Incidental Transportation Expenses

The following expenses incidental to transportation of the traveler may be reimbursed:

1. Taxi fare
2. Ferry fares, bridge, rail and tunnel tolls
3. Storage and parking fees
4. Reasonable tips for transportation of baggage (not to exceed \$1.00 per bag per transfer/2 bags maximum). Receipts not required.

V. TRAVEL REIMBURSEMENT:

- A. JEA will reimburse the contractor in accordance with the payment terms and conditions as outlined in the company's contract or purchase order. All invoices must be submitted to Travel Services for auditing purposes. Once approved, the traveler's claim will be submitted to Accounts Payable for payment. A Direct Deposit form must be completed for payment. Form located on **Quest, Enabling Processes, Travel**.
- B. JEA will only reimburse the contractor for travel expenses that are documented with receipts submitted with the expense statement.
- C. The traveler's copy of the itinerary, ticket stubs, detailed paid hotel bill, rental car receipt, parking receipts, toll receipts, storage receipts, taxi receipts, telephone charges receipt, must accompany the request for reimbursement.

VI. DOCUMENTATION AND FORMS REQUIRED:

The Contractor's Travel Request/Reimbursement Form shall include, but not be limited to:

- A. Name of each traveler
- B. Destination of the traveler (place of departure and destination)
- C. Dates encompassed by the travel (the time & date of departure and the time & date of return)
- D. Each day of travel will be entered in a separate column/line. Items of travel applicable to that day will be entered on the appropriate column/line. The cost of transportation (air, rental car) may be entered on day 1 of the travel.
- E. Per diem or meal allowance will be claimed as provided in Section IV. E. of this document. Subsistence rates for eligible meals will be entered in the column/line of the day claimed.
- F. Traveler shall include the actual miles traveled on official business. Current IRS mileage rates may be viewed on **Quest, Enabling Processes, Travel**.
- G. All other expenses associated with travel are to be itemized and entered on the specific day incurred on the appropriate column/line of the form.
- H. A Direct Deposit form must be completed and submitted to Accounts Payable. A Direct Deposit Form is located on **Quest, Enabling Processes, Travel**.

SIGNED: _____ John P. McCarthy

EFFECTIVE DATE: _____ April 1, 2010

Revised: 6/25/07; 12/11/2001; 6/18/2001; 11/29/200